Application No.: 10/754,498

Reply dated June 25, 2007

to Office Action of March 23, 2007

Page 2 of 13

AMENDMENTS TO THE SPECIFICATION

Docket No.: 0378-0404P

The specification has been amended as follows:

Page17

Paragraph [0017] has been amended as follows:

[0017] As shown in FIG. 4, the composite pixels 402, arranged in the photosensitive

array 400 of the image sensor 16, each have an octagonal contour and are divided into a

main and an auxiliary photosensitive portion or cell 412 and 410, respectively, by a

generally L-shaped region obliquely in the up-and-down direction with respect to the

horizontal scanning direction H. More specifically, the main photosensitive portion or

region 412 forms a larger pixel having a relatively larger area and has a higher-sensitivity

photoelectric transduction characteristic, i.e., a relatively high photosensitive cell. The

auxiliary photosensitive portion 410, positioned above and rightward of the main

photosensitive portion 412, forms a smaller pixel having a relatively smaller area and has

a lower-sensitivity photoelectric transduction characteristic, i.e., a relatively low

photosensitive cell.